



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 1611

SERIAL NUMBER 10/826,945	FILING DATE 04/17/2004 RULE	CLASS 360	GROUP ART UNIT 2652	ATTORNEY DOCKET NO. SJO920000165US2
-----------------------------	---------------------------------------	--------------	------------------------	--

APPLICANTS

Kuok San Ho, Cupertino, CA;

Tao Pan, San Jose, CA;

** CONTINUING DATA *****

This application is a DIV of 10/054,656 01/18/2002 PAT 6,754,056

Noted WK

** FOREIGN APPLICATIONS *****

None WK

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 06/26/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 11	TOTAL CLAIMS 23	INDEPENDENT CLAIMS 5
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <u>WK</u> Initials <u>WK</u>				

ADDRESS

International Business Machines Corporation
 IP Law L2PA/010
 5600 Cottle Road
 San Jose, CA
 95193

TITLE

Method of making a read head having a tunnel junction sensor with a free layer biased by exchange coupling with insulating antiferromagnetic (AFM) layers

FILING FEE RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue)
----------------------------	---	--